<table>
<tr><td colspan="3">Working scientifically.
Across all year groups scientific knowledge and skills should be learned by working scientifically.
These are across the whole of KS2 – so now the children are in Upper KS2 they will be more confident in these.
• Ask relevant questions.
• Set up simple, practical enquiries and comparative and fair tests.
• Make accurate measurements using standard units, using a range of equipment, e.g. thermometers and data loggers.
• Gather, record, classify and present data in a variety of ways to help in answering questions.
• Record findings using simple scientific language, drawings, labelled diagrams, bar charts and tables.
• Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.
• Use results to draw simple conclusions and suggest improvements, new questions and predictions for setting up further tests.
• Identify differences, similarities or changes related to simple, scientific ideas and processes.
• Use straightforward, scientific evidence to answer questions or to support their findings.</td></tr>
<tr><td>Biology
Year 6
Animals and humans
- Look at the human circulatory system.
Evolution and inheritance
- Look at resemblance in offspring.</td><td>Chemistry
Year 6
Rocks and fossils
- Compare and group rocks and describe the formation of fossils.</td><td>Physics
Year 6
Light
- Look at sources, seeing, reflections and shadows.
- Explain how light appears to travel in straight lines and how this affects seeing and shadows.</td></tr>
</table>

- Look at changes in animals over time. - Look at adaption to environments. - Look at difference in offspring. - Look at adaption and evolution. - Look at changes to the human skeleton over time. <u>All living things.</u> - Look at classification keys. - Look at classification of plants, animals and micro organisms. - Look at the effect of diet, exercise and drugs.		